

Disadvantaged Community Involvement Program (DACIP): Engaging Underserved Communities in Regional Water Management

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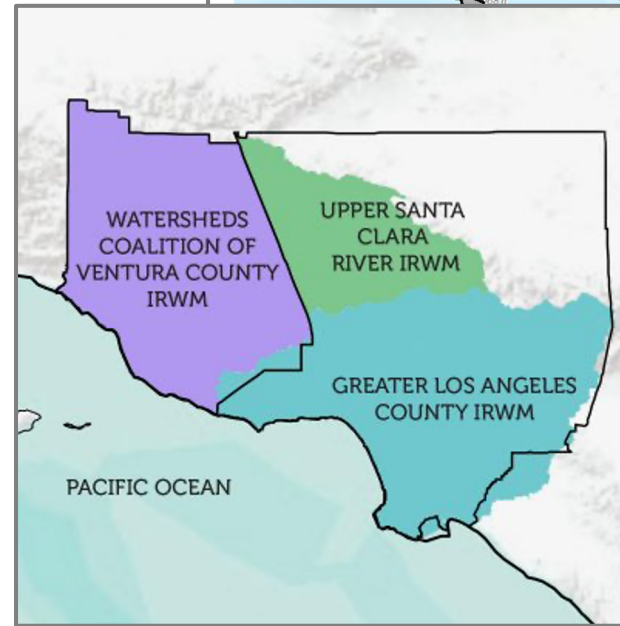
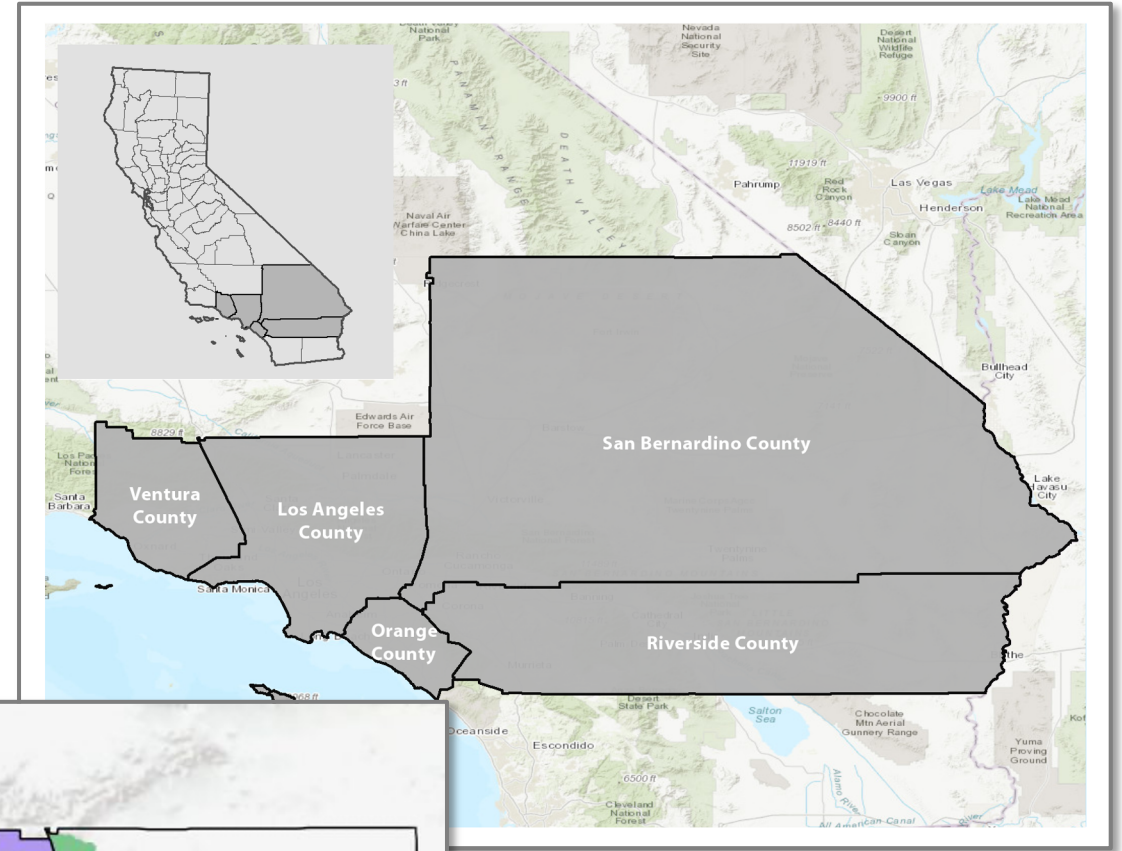
WRPI Annual Conference
April 7, 2022



Project Overview

Disadvantaged Community Involvement Program (DACIP)

- Funded by Prop 1 via CA Department of Water Resources
- Main Goals
 - Identify and engage DACs
 - Increase understanding of DAC water resource needs
 - Develop data-driven solutions for selecting projects for technical assistance

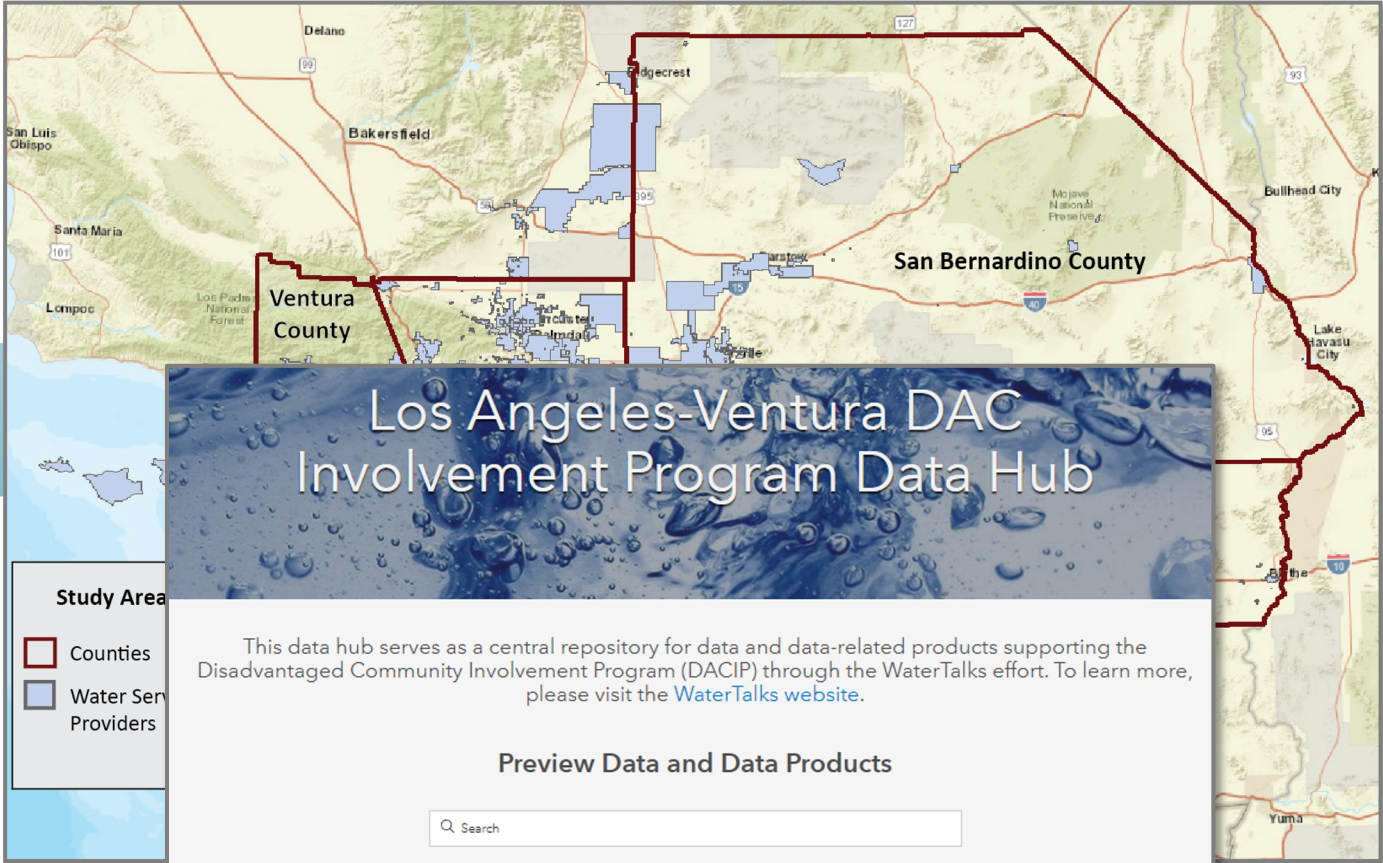


Completed Work

Establish Pilot Area



Data Collection, Processing, and Synthesis



Completed Work

Establish Pilot Area

Data Collection,
Processing, and Synthesis

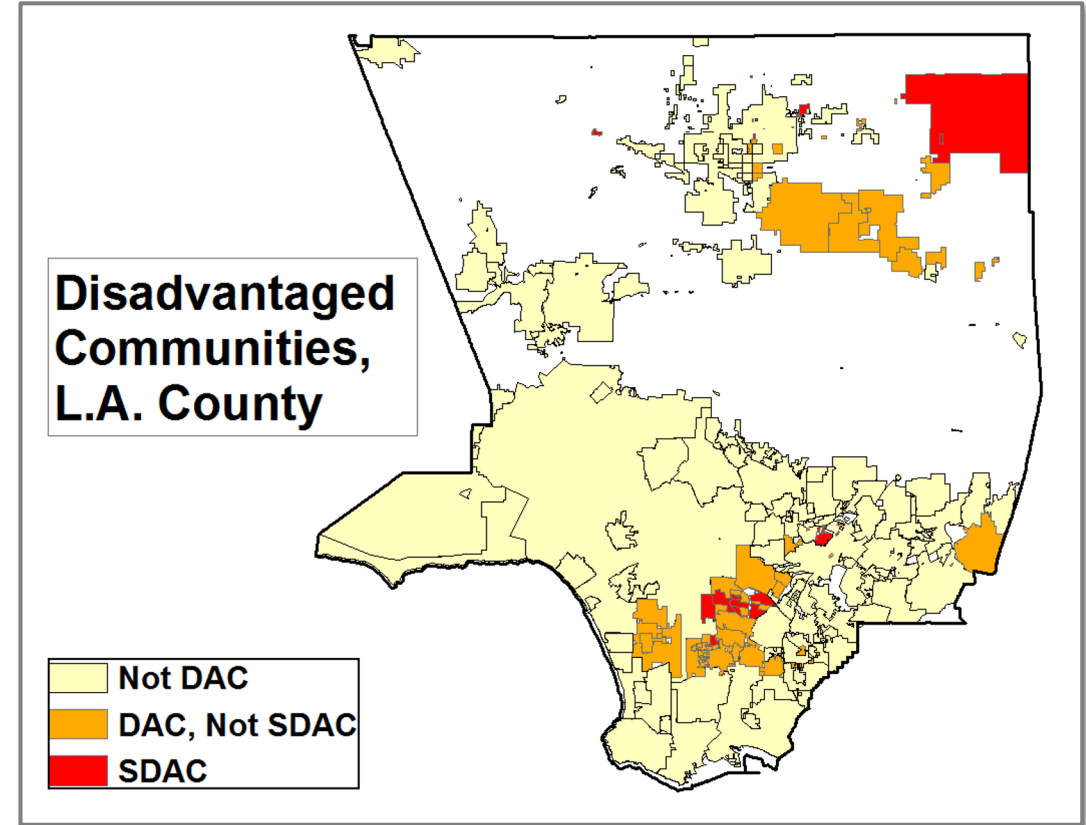
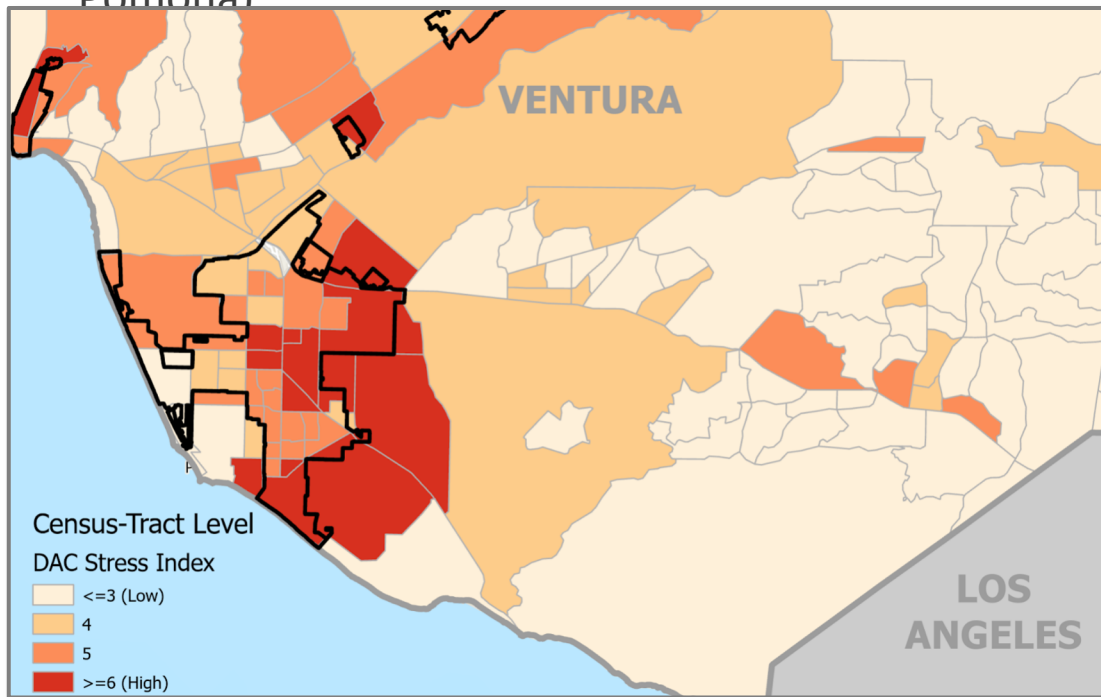
Perform DAC Modeling

Identify Priority DACs



DAC Modeling

- Existing Models
- Models Used
 - Stress Model
 - Street Weighted Model
(in collaboration with Dr. Mike Reibel – Cal Poly Pomona)



Completed Work

Establish Pilot Area

Data Collection,
Processing, and Synthesis

Perform DAC Modeling

Identify Priority DACs

Community Outreach and
Education



Community Outreach & Education



Take the WaterTalks Survey!

¡Tome La Encuesta!

請使用粵語進行調查

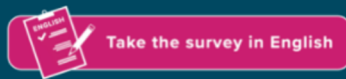
설문조사를 한국어로 참여해 보세요

در نظر سنجی واتر تالکس شرکت کنید

Participation in our WaterTalks community survey will help ensure that communities' needs, concerns, questions, and insights can be considered to become part of the State's future water projects.

By identifying community needs and priorities, your input will help identify and prioritize projects within the LA-Ventura IRWM region for Prop 1 technical assistance funding as well as ongoing and future funding decisions.

This Survey will take approximately 10 minutes.



Upcoming Virtual Events



Past WaterTalks Events



View a Fact Sheet related to Covid-19 and water safety and water supply

English

Spanish



WaterTalks Funding Available Now for Projects in Ventura County! Click Here to Learn More!

WATERTALKS IS ABOUT COMMUNITY PLANNING FOR WATER

Navigate the tabs below to find out more information



FIND YOUR COMMUNITY

<https://watertalks.csusb.edu>

TOOLKIT TABLE OF CONTENTS

WATER
talks

PROJECT BACKGROUND

What is WaterTalks?

IRWM Regions- How do we plan for water in California?

Project Overview- How is WaterTalks funded?

Funding- What sources of funding are available for water-related projects?

Jobs Related to Water- What sectors focus on water? What kinds of jobs focus on water?

WATER IN OUR ENVIRONMENT

Surface Water and Groundwater- Where does my rainwater go?

Water Contamination- How can contaminants get into our water?

Watershed- What is a watershed?

Groundwater- Where does my groundwater come from?

Flooding- Am I at risk of flooding?

Access to Parks and Local Waterways- How clean are our lakes, streams, rivers, and beaches? Where can I find parks and local waterways?

Existing Land Use- How does land use affect our water?

Capturing and Storing Water- How can we catch and store rainwater?

OUR TAP WATER

Water Sources- Where does my tap water come from?

Water Consumption- How much water does one person drink? How much water do we use at home?

Tap Water Quality- How clean is my drinking water?

Water Service Provider- Who is my water service provider? How much does my water cost?

GLOSSARY OF TERMS & ACRONYMS

TEMPLATES:

- Event Flyer Template
- PowerPoint Presentation Template
- Agenda Template
- Sign-In Sheet Template
- Comment Cards

Completed Work

Establish Pilot Area

Data Collection,
Processing, and Synthesis

Perform DAC Modeling

Identify Priority DACs

Community Outreach and
Education

Community and Institutional
Needs Assessments



Community and Institutional Needs Assessments

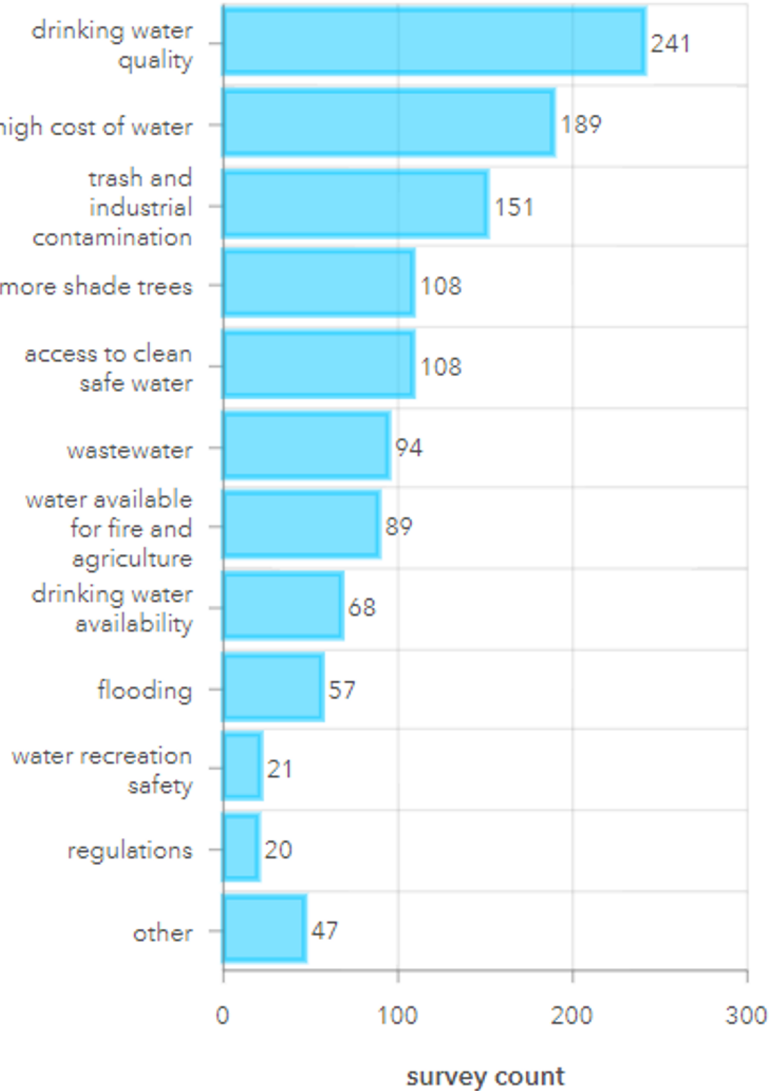
Water issues and opportunities in your home and community

6. What water-related issues are of greatest concern in your community?*

Choose your top 3 concerns.

- Drinking water quality
- Drinking water availability
- Water availability (wildfire suppression, agriculture, other)
- High cost of water
- Issues related to wastewater (sewer or septic systems)
- Flooding

Top 3 Water-Related Concerns Within Communities



Connects, Disconnects, Opportunities

- Disconnects
 - Affordable Housing & Development
 - Water Rates vs Regulatory Compliance, O&M
 - Institutional-Community Engagement/Relationships
- Connects
 - Climate Change Concerns (infrastructure, droughts, supply)
 - Unsheltered Populations in Waterways
 - Barriers to Engagement (internet, time, resources)
- Opportunities
 - Utilize greenspace to address Water Quality
 - Diverse & Flexible Engagement Strategies
 - Community inclusion in IRWM and other collaborations.

My Local Government Is Addressing Infrastructure And Beautification Needs



Ongoing and Future Work

Develop Project Evaluation Tool



- **Technical Assistance
Proposed Projects Evaluation
Dashboard (TAPPED)**

- Assists decisionmakers with data-driven project evaluation and selection
- Uses multi criteria decision analysis (MCDA)
- Interactive and user-friendly

TAPPED Projects Saved Evaluations Log Out

All Projects ▼

A STEM and Water Resources Summer Youth Program CSUSB Water Resources...
This project implements a water-focused, science, technology, engineering, and mathematics (STEM) summer program, for tribal youth, tribal...

Garden Acres Mutual Water Company Sustainable Water Assurance for the Ne...
The SWAN project has three phases and Garden Acres is applying for Phase 3 funding. Phase 1 is to construct a back-up well site, Phase 2 is the...

Casitas Mutual Water Company Fire Flow Infrastructure Improvement Needs
Casitas Mutual Water Company's concept is to acquire a TA grant of \$24,500 to pay Next/Gen Engineering to create the design/cost proposal...

Dual Language (Spanish and English) learning workshops based on water topi...
Water Topics - Bilingual Workshop in Spanish and English. A series of workshops with the dual goals of language learning and a focus on water relat...

Fillmore Middle School Campus Upgrades
Laurie Merrill is STEM teacher at Fillmore Middle School. She has been looking for funding for the work listed below for many years. Channel Islan...

Casitas Mutual Water Company Fire Flow Infrastructure Improvement Needs

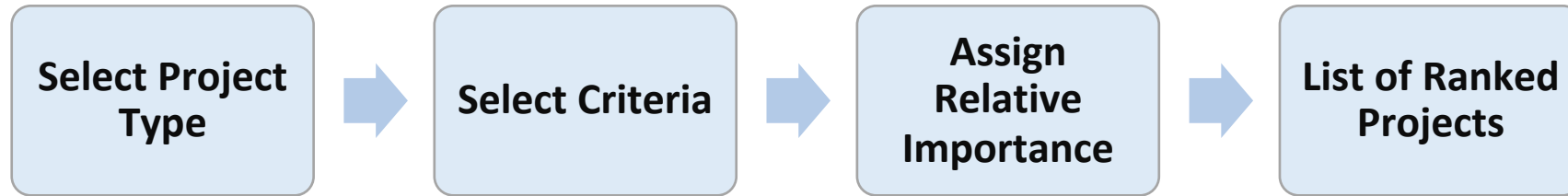
Casitas Mutual Water Company's concept is to acquire a TA grant of \$24,500 to pay Next/Gen Engineering to create the design/cost proposal for fire flow upgrades to the water system, in Casitas Springs CA with 85 connections. The pipes are 4" and need be 6" re adequate pressure for fire fighting trucks use. With Next/Gen proposal in hand CMWC may apply for a \$1M Fire Flow Infrastructure Construction Grant.

This project would retrofit the distribution system and fire hydrants to meet seismic standards, create adequate flow for firefighting, reduce water loss and meet code.

View Project Zoom to

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Project Evaluation



TAPPED Projects Saved Evaluations Log Out

▼ Selection Criteria (2) [Show Comparison](#)

Create Evaluation for *Education*

Select the criteria that will be used in this evaluation.
(You must select at least 2 criteria)

- Est. % of DAC Households**
Estimated % of DAC Households
- Est. % of SDAC Households**
Estimated % of SDAC Households
- Total Number of Households**
Estimated total households
- Population**
Estimated total population
- Population Density**
Estimated population density (persons/sq mi)

► Standardization & Weights

Project Rankings

1. A STEM and Water Resources Summer Youth Program CSUSB Water Resources Institute
2. Dual Language (Spanish and English) learning workshops based on water topics relevant to Agriculture, Landscaping and Restoration in Ventura County.
3. Garden Acres Mutual Water Company Sustainable Water Assurance for the Next Generation (SWAN) Bilingual Education Program

Project Locations

TAPPED Demo

TAPPED

Technical Assistance Proposed
Projects Evaluation Dashboard

Disadvantaged Community Involvement Program

Login



About TAPPED

TAPPED is an interactive online application for evaluating technical assistance projects using a data-driven approach. TAPPED allows for project data exploration, project ranking, and project evaluation by combining project description data, evaluation criteria, and reference data.



Ongoing and Future Work

Develop Project Evaluation Tool

Project Selection

Project Technical Assistance



Questions?



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